

WHAT IS CLAIMED IS:

1. An isotropic antenna system comprising:

a first antenna for transmitting/receiving electric waves when a cover member installed to be capable of being open or closed with respect to a main body is open;

a second antenna for transmitting/receiving electric waves when the cover member is closed; and

a switching portion for selectively switching at least one of the first and second antennas to a predetermined RF circuit module according to the opening or closing of the cover member.

2. The system as claimed in claim 1, further comprising:

a sensor installed at the main body or cover member for detecting information on the opening/closing of the cover member; and

a controlling portion for controlling a connection state of the switching portion with respect to the first and second antennas according to the information on the opening/closing of the cover member output from the sensor.

3. The system as claimed in claim 2, wherein the first antenna is a dipole antenna to be capable of protruding above or retreating into the cover member.

4. The system as claimed in claim 2, wherein the second antenna is a planar antenna installed in the main body.

5. The system as claimed in claim 1, further comprising a switch button capable of elastically protruding or retreating as the cover member is open or closed so that the first antenna or the second antenna can be connected to the switching portion.

6. The system as claimed in claim 1, wherein the first antenna is a dipole antenna to be capable of protruding above or retreating into the cover member.

7. The system as claimed in claim 1, wherein the second antenna is a strip line antenna installed in the main body.

8. The system as claimed in claim 1, wherein the first antenna is installed at the cover member and the second antenna is installed at the main body or the cover member.

9. A notebook computer comprising:

a computer main body in which an input device is installed;

a display member, installed at the computer main body to be capable of being opened or closed, for displaying an image;

5 a first antenna, installed at the display member, for transmitting/receiving electric waves;

a second antenna, installed at the computer main body or the display member, for transmitting/receiving electric waves; and

a switching portion for selectively switching at least one of the first and second antennas to a predetermined RF circuit module according to the opening or closing of the cover

10 member,

wherein the electric waves can be transmitted/received through at least one antenna regardless of the opening/closing of the display member.

10. The notebook computer as claimed in claim 9, further comprising:

a sensor installed at the computer main body or cover member for detecting information on the opening/closing of the cover member; and

5 a controlling portion for controlling a connection state of the switching portion with respect to the first and second antennas according to the information on the opening/closing of the cover member output from the sensor.

11. The notebook computer as claimed in claim 10, wherein the first antenna is a dipole antenna to be capable of protruding above or retreating into the cover member.
12. The notebook computer as claimed in claim 10, wherein the second antenna is a strip line antenna installed in the main body.
13. The notebook computer as claimed in claim 9, further comprising a switch button capable of elastically protruding or retreating as the cover member is open or closed so that the first antenna or the second antenna can be connected to the switching portion.